

## Nuclear Data Usage on the Isotopes Project Server (ie.lbl.gov)

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The LBNL Isotopes Project has provided nuclear data on the Internet since 1995. Topical home pages are supported for the *Table of Isotopes*, Isotope Explorer software, Nuclear Science References, radioactive decay, high-spin and nuclear structure, nuclear structure systematics, thermal neutron capture, spontaneous fission, atomic masses, nuclear moments, elemental properties, atomic data, interaction of radiation with matter, Q-value calculations, and science education.

The home pages are maintained on the server ie.lbl.gov, a PC(NT) computer managed by the Isotopes Project. The Nuclear Science Reference file (NSR) and the Evaluated Nuclear Structure Data File (ENSDF) databases provided on our servers are obtained from the National Nuclear Data Center (NNDC) at Brookhaven National Laboratory. The NSR file is then indexed at LBNL and organized for rapid dissemination on the WWW. The Table of Radioactive Isotopes database (TORI) is derived from the 8<sup>th</sup> edition *Table of Isotopes* (John Wiley, 1998 update), and the thermal neutron capture Evaluated Gamma Activation File database (EGAF) is provided by the Nuclear Data Section of the International Atomic Energy Agency (IAEA).

Both Isotope Explorer and NSR Server send requests to the Isotopes Project server for data and references. The Isotopes Project Nuclear Data Dissemination home page can be found at <http://ie.lbl.gov/toi.html>.

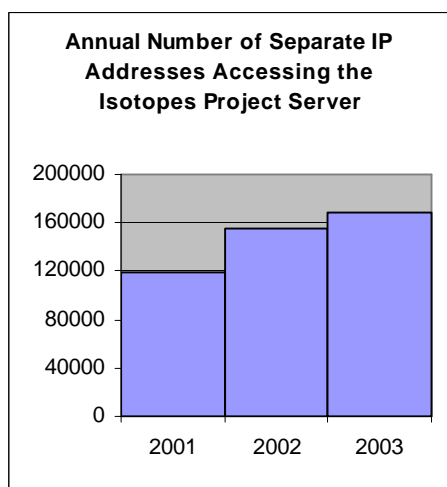


Figure 1.

Usage of Isotopes Project Internet nuclear data continued to grow in 2003 when over 169,000 different users made over 5,000,000 data requests including downloading nearly 1,000,000 ENSDF isotope data files. A summary of 2001-2003 usage data is shown in figures 1-3.

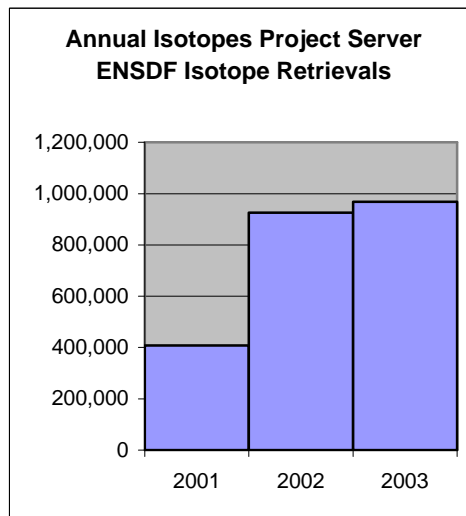


Figure 2.

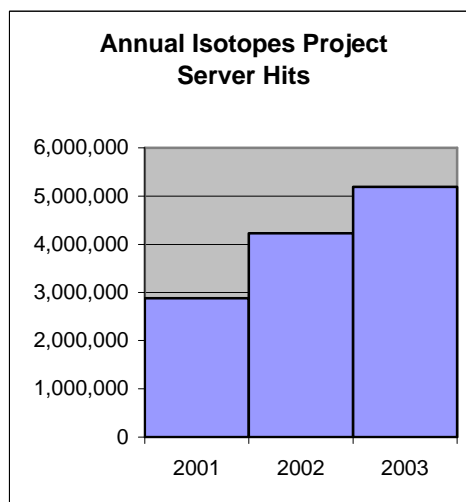


Figure 3.